



PROJECT NUMBER:

338884.FL

BORING NUMBER:

MW15S

SHEET 1 OF 2

SOIL BORING LOG

PROJECT : Progress Energy Florida - COLA Investigation, Levy County Site LOCATION : (1723091.2 N, 459117.4 E)

ELEVATION : 43.4 ft MSL (NGVD83)

DRILLING CONTRACTOR : Prosonic, Ocala, FL; Driller: J. Garwig

DRILLING EQUIPMENT AND METHOD : Minsonic ATV, S/N 1412, sonic 4"x6"

ORIENTATION : Vertical

WATER LEVELS : ---

START : 2/11/07 12:40

END : 2/11/07 14:30

LOGGER : R. Gomez

WATER LEVELS:		START DATE/TIME		END DATE/TIME		LOGGER NAME	
DEPTH BELOW EXISTING GRADE (ft)	INTERVAL (ft)		STANDARD PENETRATION TEST RESULTS	SOIL DESCRIPTION		SYMBOLIC LOG	COMMENTS
	RECOVERY (in)	#TYPE		6"-6"-6" (N)	SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY		
43.4	0.0	30.0	R1-SN		Poorly Graded Sand With Organics (SP) 0.0-2.5' - dusky brown, (5 YR 2/2), wet, very fine to medium grained, silica sand, organics		
					No Recovery 2.5-5.0'		
5	5.0						
38.4		60.0	R2-SN		Poorly Graded Sand (SP) 5.0-6.0' - moderate brown, (5 YR 3/4), wet, very fine to fine grained, silica sand		
					Poorly Graded Sand With Silt (SP-SM) 6.0-7.5' - light brown, (5 YR 5/6), wet, very fine to fine grained, silica sand, 5-10% fines		
					Sandy Silt (ML) 7.5-10.0' - light gray, (N7), wet, low plasticity, poorly graded silica sands		
10	10.0						
33.4		60.0	R3-SN		Silt (ML) 10.0-15.0' - grayish orange, (10 YR 7/4), wet, nonplastic, strong HCl reaction, <5% sand-sized carbonate materials		
15	15.0						
28.4		60.0	R4-SN		Silt (ML) 15.0-16.5' - Same as 10.0-15.0'		
					Silt (ML) 16.5-20.0' - very pale orange, (10 YR 8/2), moist, low plasticity, moderate HCl reaction, blocky		
20							



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SHEET 2 OF 2	
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WATER LEVELS : --- START : 2/11/07 12:40 END : 2/11/07 14:30 LOGGER : R. Gomez

WATER LEVELS : —		START : 2/11/07 12:40		END : 2/11/07 4:30		LOGGER : R. Gomez	
DEPTH BELOW EXISTING GRADE (ft)	INTERVAL (ft)		STANDARD PENETRATION TEST RESULTS		SOIL DESCRIPTION	SYMBOLIC LOG	COMMENTS
	RECOVERY (in)	#TYPE	6"-6"-6" (N)	SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS, AND INSTRUMENTATION		
23.4	20.0	60.0	R5-SN		Silt (ML) 20.0-24.0' - Same as 16.0-20.0' except grayish orange, (10YR 7/4), 1/4"-1/8" limestone fragments		
25	25.0				Silty Sand (SM) 24.0-30.0' - moderate yellowish brown, (10YR 4/2), mild to moderate HCl reaction, silt-sized and sand-sized carbonate materials		
18.4		60.0	R6-SN				
30	30.0						
13.4					Bottom of Boring at 30.0 ft bgs on 2/11/07 12:40		
35							
8.4							
40							